

## INSTRUCTIONS FOR COMPLETING THE STATEMENT OF SPECIAL INSPECTIONS (SSI)

- I. **Content:** The *Statement of Special Inspections (SSI)* shall identify the scope of the special inspections services applicable to the project and shall include the names of the **Registered Design Professionals** and *Inspection and Testing Agencies* who will provide those services. The **REGISTERED design Professional in Responsible Charge (RDPRS)** and the *Inspection and Testing Agencies* are subject to the approval of The Chesterfield County Department of Building Inspections.
- II. **Submittal, Review and Approval:** The **SSI** shall be incorporated into the *construction documents* and shall be submitted by the permit applicant to the Commercial Plan Review Engineer of The Chesterfield County Department of Building Inspections. The Commercial Plan Review Engineer shall review and approve the **SSI** prior to the preconstruction meeting. The permit shall not be issued until the **SSI** has been reviewed and approved by the Commercial Plan Review Engineer of The Chesterfield County Department of Building Inspections. The Commercial Inspections Supervisor of The Chesterfield County Department of Building Inspections will review the **SSI** during the preconstruction meeting.
- III. **How to fill out the SSI Form:**
  1. The cover page 1 of 16 needs to be completed for all projects that have special inspections. The Special Inspections Engineer of Record (S) **MUST** be identified on the form. **DO NOT SUBMIT THIS FORM if the Special Inspections Engineer of Record has not been determined.** The Registered Design Professional of Record must sign the form either as the preparer or the reviewer of the form.
  2. On Page 2 list the Name, address and phone number of each Special Inspection firm(s) so that each firm has an associated **Agent Number**.
  3. On pages 3-15 of the form note the **Agent Number** of the specific firm that will perform each specific special inspection by entering the **Agent Number** in the corresponding box in the **Agent** column on the form for the individual inspections.
  4. On pages 3-15 of the form provide for all possible special inspections; most will not apply to an individual project. Note any inspections within an inspection type section that are not applicable to the referenced project by checking the corresponding box in the **N/A** column on the form for the individual inspections or the **N/A** box beside the overall inspection type category if the entire section is not applicable.
  5. Keep the Final Report of Special Inspections, page 16. The Final Report shall be completed and submitted when the special inspection program for the project has been completed. Do not submit this form with the statement.

**PAGE 1 OF 16**      **STATEMENT OF SPECIAL INSPECTIONS**

**CHESTERFIELD COUNTY, VIRGINIA**      **PERMIT NUMBER:** \_\_\_\_\_

Project: \_\_\_\_\_

Address: \_\_\_\_\_

VUSBC Edition: \_\_\_\_\_

Building Owner: \_\_\_\_\_  
Name Company

Owner's Address: \_\_\_\_\_

Architect of Record: \_\_\_\_\_  
Name & License Company

Structural Engineer of Record: \_\_\_\_\_  
Name & License Company

Geotechnical Engineer of Record: \_\_\_\_\_  
Name & License Company

Registered Design Professional in  
Responsible Charge: \_\_\_\_\_  
Name & License Company

General Contractor: \_\_\_\_\_  
Name & License Company

This statement of *Special Inspections* is submitted as a condition for permit issuance in accordance with the Virginia Uniform Statewide Building Code. It includes a schedule of special inspections applicable to this project. The *Registered Design Professional in Responsible Charge* shall keep records of specified special inspections and testing and shall furnish copies of inspection and testing reports to Chesterfield County Department of Building Inspections and to the appropriate registered design professionals of record. Discrepancies from the approved plans and specifications and code violations observed during the conduct of special inspections services shall be brought to the immediate attention of the contractor for correction and to the attention of Chesterfield County Department of Building Inspections and to the appropriate registered design professionals of record. A *Final Report of Special Inspections* documenting completion of specified special inspections and correction of any discrepancies and observed code violations noted in the inspection and testing reports shall be submitted to and approved by Chesterfield County Department of Building Inspections prior to the issuance of a Certificate of Occupancy.

Prepared by: \_\_\_\_\_  
Type or Print (Name of Registered Design Professional who prepared  
this statement) Signature & Date

Reviewed by Registered Design Professional of Record:  
(If not the preparer) Signature & Date

Building Official's Acceptance: \_\_\_\_\_  
Signature & Date

**SCHEDULE OF CODE REQUIRED SPECIAL INSPECTIONS**

Prepared (Date):

Applicable Building Code: 2003 Virginia Uniform Statewide Building Code, 2003 International Building Code

Project:

INSPECTION AGENTS	
(Name)	(Firm, Address, and Telephone No.)
1. Agent	
2. Agent	
3. Agent	
4. Agent	
5. Agent	
6. Geotechnical Engineer of Record	
7. Structural Engineer of Record	
8. Architect of Record	
9. Inspection and Testing Agency	

### FOUNDATIONS (Check If Section Not Applicable ☐)

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Site Preparation	1704.7.1		X			Inspection to determine that the site has been prepared in accordance with the approved soils or geotechnical report.	
Prepared Fill – During Fill Preparation	1704.7.2	X				Inspection to determine that the materials being used and maximum lift thicknesses comply with the approved report as specified in Section 1803.4.	
Evaluation of in-place Density	1704.7.3	X				Tests to determine, at the approved frequency, that the in-place dry density of the compacted fill complies with the approved report.	
Footings and Foundations	1805.1-1805.9		X			Confirm soils suitable for the design allowable soil bearing pressure are present at bearing grade. Confirm the footing dimensions are as specified on the project plans.	
Pile Foundations	1704.8	X				Observe and record the installation of each pile foundation. Records shall include the cut-off and tip elevation, and results of load tests.	
Pier Foundations	1704.9 & 1616.3	X				Confirm bearing capacity encountered is suitable for the design allowable bearing pressure specified in the approved report. Confirm drilled piers are excavated to the dimensions shown on the project plans.	

**STEEL CONSTRUCTION (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Fabrication – Inspection of Fabricator’s Quality Control Procedures	1704.2.1 1704.2.2		X			Certificate from Independent Agency and current agreement for periodic (minimum 6 month intervals) in-plant quality assurance inspections.	
Bolts, Nuts, Washers	Table 1704.3		X			Inspection of materials (identification markings; Conformance to ASTM material specification specified by designer); Manufacturer's designation (Certificates of Compliance) are required.	
Structural Steel Materials	1708.4		X			Inspection of material identification markings; Manufacturer's Certified Test Reports per ASTM A 6 and/or ASTM A 568 indicating conformance to design requirements. Mill Certificates required.	
Weld Filler Materials	Table 1704.3		X			Conformance to AWS Specifications as specified by the designer. Manufacturer’s designation (certificate of compliance) is required.	
Erection – Installation of High Strength Bolts:	1704.3.3					Observation of tightening procedures and inspection per Section 9 of RCSC <i>Specification for Structural Joints Using A325 or A490 Bolts</i> .	
Bearing-type connections			X				
Slip-critical connections		X					
Erection - Steel Frame Details	1704.3.2		X			Inspection to confirm compliance with details shown on approved Construction Documents and Shop Drawings.	
Erection – Welding:	1704.3.1					Inspection shall be in compliance with Section 6 of AWS D 1.1. Weld inspectors shall be certified in accordance with AWS D 1.1 listed in Chapter 35.	
Structural Steel:							
Complete and partial penetration groove welds		X					
Multi-pass fillet welds		X					

STEEL CONSTRUCTION – CONTINUED (Check If Section Not Applicable <input type="checkbox"/> )							
MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Single-pass fillet welds > 5/16"	1704.3.1	X				Inspection shall be in compliance with Section 6 of AWS D 1.1. Weld inspectors shall be certified in accordance with AWS D 1.1 listed in Chapter 35.	
Single-pass fillet welds < 5/16"			X				
Floor and deck welds			X				
Reinforcing Steel:	1903.5.2					Inspections shall be in compliance with Section 6 of AWS D 1.4 and ACI 318.3.5.2.	
Verification of weldability other than ASTM A 706			X				
Reinforcing steel –resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement		X					
Shear reinforcement		X					
Other reinforcing steel			X				
CONCRETE CONSTRUCTION (Check If Section Not Applicable <input type="checkbox"/> )							
Materials	1704.4.1		X			Manufacturer's Certificates of Compliance or Tests per Chapter 3 of ACI 318 and per ASTM A 706.	
Installation of Reinforcing Steel	1903.5, 1907.1, 1907.7, 1914.4		X			Inspection to confirm compliance with details shown on approved Construction Documents, Shop Drawings, ACI 318 and Code Sections 1903.5, 1907.1, 1907.7 and 1914.4.	
Welding of Reinforcing Steel	1903.5.2					Observation of reinforcing steel welding in accordance with Table 1704.3, Item 5B.	

**CONCRETE CONSTRUCTION – CONTINUED (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Anchor Bolt Installation	1912.5	X				Observation of anchor bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	
Formwork	1906		X			Inspection for compliance with ACI 318, Section 6.1, 6.2.	
Concrete Strength	1905		X			Evaluation of Concrete strength in accordance with ACI 318, Section 5.6 and in accordance with the requirements of IBC 1905.6.	
Concrete Mixes	1904, 1905.2-1905.4, 1914.2, 1914.3		X			Inspection for use of proper mix proportions and techniques, ACI 318, Chapter 4, Sections 5.2 - 5.4.	
Concrete Mixing	1905		X			Ready Mixed Concrete - Compliance with ASTM C 94 or ASTM C 685.	
Concrete Sampling	1905.6, 1914.10	X				Sampling of fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests in accordance with ASTM C 172, ASTM C 31 and ACI 318, Sections 5.6 and 5.8.	
Concrete Placement	1905.9, 1905.10, 1914.6-1914.8	X				Inspection for proper application techniques; ACI 318, Sections 5.9 and 5.10	
Curing Temperatures and Techniques	1905.11, 1905.13, 1914.9		X			Inspection for maintenance of curing temperatures and techniques; ACI 318, Sections 5.11, 5.12 and 5.13.	
Prestressed Concrete:	Table 1704.4					Field inspections of precast concrete members in accordance with ACI 318, Section 18.18.	
Application of Prestressing Forces		X					

CONCRETE CONSTRUCTION – CONTINUED (Check If Section Not Applicable <input type="checkbox"/> )							
MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Grouting of unbonded prestressing tendons in seismic-force-resisting system	Table 1704.4	X				Field inspections of precast concrete members in accordance with ACI 318, Chapter 18.16.4.	
Manufacture of Precast Concrete	1704.2.1		X			Certificate from Independent Agency and current agreement for periodic (minimum 6 month intervals) in-plant quality assurance inspections.	
Erection of Precast Concrete	Table 1704.4		X			Field inspections of precast concrete members in accordance with ACI 318, Chapter 16.	
Post Tensioning	1906.2		X			Verification of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms for beams and structural slabs in accordance with ACI 318, Section, 6.2.	
CONCRETE CONSTRUCTION – RETAINING WALLS ONLY (Check If Section Not Applicable <input type="checkbox"/> )							
Materials	1704.4.1		X			Manufacturer's Certificates of Compliance or Tests per Chapter 3 of ACI 318 and per ASTM A 706.	
Installation of Reinforcing Steel	1903.5, 1907.1, 1907.7, 1914.4		X			Inspection to confirm compliance with details shown on approved Construction Documents, Shop Drawings, ACI 318 and Code Sections 1903.5, 1907.1, 1907.7 and 1914.4.	
Welding of Reinforcing Steel	1903.5.2					Observation of reinforcing steel welding in accordance with Table 1704.3, Item 5B.	
Anchor Bolt Installation	1912.5	X				Observation of anchor bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	
Formwork	1906		X			Inspection for compliance with ACI 318, Section 6.1, 6.2.	
Concrete Strength	1905		X			Evaluation of Concrete strength in accordance with ACI 318, Section 5.6 and in accordance with the requirements of IBC 1905.6.	



**CONCRETE CONSTRUCTION – RETAINING WALLS ONLY – CONTINUED (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Concrete Mixes	1904, 1905.2-1905.4, 1914.2, 1914.3		X			Inspection for use of proper mix proportions and techniques, ACI 318, Chapter 4, Sections 5.2 - 5.4.	
Concrete Mixing	1905		X			Ready Mixed Concrete - Compliance with ASTM C 94 or ASTM C 685.	
Concrete Sampling	1905.6, 1914.10	X				Sampling of fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests in accordance with ASTM C 172, ASTM C 31 and ACI 318, Sections 5.6 and 5.8.	
Concrete Placement	1905.9, 1905.10, 1914.6-1914.8	X				Inspection for proper application techniques; ACI 318, Sections 5.9 and 5.10	
Curing Temperatures and Techniques	1905.11, 1905.13, 1914.9		X			Inspection for maintenance of curing temperatures and techniques; ACI 318, Sections 5.11, 5.12 and 5.13.	
Prestressed Concrete:	Table 1704.4					Field inspections of precast concrete members in accordance with ACI 318, Section 18.18.	
Application of Prestressing Forces		X					
Grouting of unbonded prestressing tendons in seismic-force-resisting system	Table 1704.4	X				Field inspections of precast concrete members in accordance with ACI 318, Chapter 18.16.4.	
Manufacture of Precast Concrete	1704.2.1		X			Certificate from Independent Agency and current agreement for periodic (minimum 6 month intervals) in-plant quality assurance inspections.	
Erection of Precast Concrete	Table 1704.4		X			Field inspections of precast concrete members in accordance with ACI 318, Chapter 16.	

**CONCRETE CONSTRUCTION – RETAINING WALLS ONLY – CONTINUED (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Post Tensioning	1906.2		X			Verification of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms for beams and structural slabs in accordance with ACI 318, Section, 6.2.	

**LEVEL 1 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION (TABLE 1704.5.1) (Check If Section Not Applicable ☐)**

INSPECTION TASK	IBC CODE REFERENCE	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA			DATE COMPLETED
		CONTINUOUS	PERIODIC	AGENT	ACI 530/ASCE 5/TMS 402a	ACI 530.1/ASCE 6/TMS 602a	
1. From the beginning of masonry construction, the following shall be verified to ensure compliance:	Table 1704.5.1						
Proportions of site-prepared mortar.	Table 1704.5.1		X			Art. 2.6 A	
Construction of mortar joints			X			Art. 3.3B	
Location of reinforcement and connectors.			X			Art. 3.4	
2. The Inspection Program shall verify:	Table 1704.5.1						
Size and location of structural elements.	Table 1704.5.1		X			3.3G	
Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	Table 1704.5.1		X		Sec. 1.15.4, 2.1.2		

LEVEL 1 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION (Continued) (Check If Section Not Applicable <input type="checkbox"/> )							
INSPECTION TASK	IBC CODE REFERENCE	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA			DATE COMPLETED
		CONTINUOUS	PERIODIC	AGENT	ACI 530/ASCE 5/TMS 402a	ACI 530.1/ASCE 6/TMS 602a	
Specified size, grade and type of reinforcement.	Table 1704.5.1		X		Sec. 1.12	Art. 2.4, 3.4	
Welding of reinforcing bars.	Sec. 2108.9.2.11, Item 2	X			Sec 2.1.8.6, 2.1.8.6.2		
Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F)	Sec. 2104.3, 2104.4		X			Art. 1.8	
3. Prior to grouting, the following shall be verified to ensure compliance:	Table 1704.5.1						
Cleanliness of grout space.	Table 1704.5.1		X			Art. 3.2D	
Placement of reinforcement and connectors.	Table 1704.5.1		X		Sec. 1.12	Art. 3.4	
Proportions of site-prepared grout.	Table 1704.5.1		X			Art. 2.6B	
Construction of mortar joints.	Table 1704.5.1		X			Art. 3.3B	
4. Grout placement shall be verified to ensure compliance with the code and construction document provisions.	Table 1704.5.1	X				Art 3.5	

**LEVEL 1 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION (Continued) (Check If Section Not Applicable ☐)**

INSPECTION TASK	IBC CODE REFERENCE	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA			DATE COMPLETED
		CONTINUOUS	PERIODIC	AGENT	ACI 530/ASCE 5/TMS 402a	ACI 530.1/ASCE 6/TMS 602a	
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed	Sec. 2105.3, 2105.4, 2105.5	X				Art. 1.4	
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	Table 1704.5.1		X			Art. 1.5	

**LEVEL 2 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION (TABLE 1704.5.3) (Check If Section Not Applicable ☐)**

INSPECTION TASK	IBC CODE REFERENCE	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA			DATE COMPLETED
		CONTINUOUS	PERIODIC	AGENT	ACI 530/ASCE 5/TMS 402a	ACI 530.1/ASCE 6/TMS 602a	
1. From the beginning of masonry construction, the following shall be verified to ensure compliance:	Table 1704.5.3						
Proportions of site-prepared mortar.	Table 1704.5.3		X			Art. 2.6 A	
Placement masonry units and construction of mortar joints			X			Art. 3.3B	
Location of reinforcement and connectors.			X		Sec. 1.12.3	Art. 3.4	
Grouting space prior to grouting.	Table 1704.5.3	X				Art. 3.2D	
Placement of grout.	Table 1704.5.3	X				Art. 3.5	
2. The Inspection Program shall verify:	Table 1704.5.3						

**LEVEL 2 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION (Continued) (Check If Section Not Applicable ☐)**

INSPECTION TASK	IBC CODE REFERENCE	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA			DATE COMPLETED
		CONTINUOUS	PERIODIC	AGENT	ACI 530/ASCE 5/TMS 402a	ACI 530.1/ASCE 6/TMS 602a	
Size and location of structural elements.	Table 1704.5.3		X			3.3G	
Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	Table 1704.5.3		X		Sec. 1.15.4, 2.1.2		
Specified size, grade and type of reinforcement.	Table 1704.5.3		X		Sec. 1.12	Art. 2.4, 3.4	
Welding of reinforcing bars.	Sec. 2108.9.2.11, Item 2	X			Sec 2.1.8.6, 2.1.8.6.2		
Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F)	Sec. 2104.3, 2104.4		X			Art. 1.8	
3. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed	Sec. 2105.3, 2105.4, 2105.5	X				Art. 1.4	
4. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	Table 1704.5.3		X			Art. 1.5	

SPRAYED FIRE RESISTANCE MATERIALS (Check If Section Not Applicable <input type="checkbox"/> )							
MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Structural Member Surface Condition	1704.11.1	X				Inspection of prepared surface of structural members to be sprayed.	
Application	1704.11.2	X				Inspection for minimum ambient temperature before and after application as specified in the approved manufacturer's written instructions.	
Thickness, Density, Bond Strength	1704.11.3 1704.11.4 1705.12.5	X				Tests and inspections to determine compliance with the approved submittal for the fire-resistance design, ASTM E 605 and E 736.	
WOOD CONSTRUCTION (Check If Section Not Applicable <input type="checkbox"/> )							
MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Fabrication – Inspection of Fabricator's Quality Control Procedures	1704.6, 1704.2.1 1704.2.2		X			Certificate from Independent Agency and current agreement for periodic (minimum 6 month intervals) in-plant quality assurance inspections.	
EXTERIOR INSULATION AND FINISH SYSTEM (Check If Section Not Applicable <input type="checkbox"/> )							
MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Field Application	1704.12	X				Field review to confirm installation is in accordance with the manufacturer's guidelines approved by the design professional of record and project specifications.	
Prefabricated EIFS Panels	1704.12	X				Field review to confirm installation is in accordance with the manufacturer's guidelines approved by the design professional of record and project specifications.	

**SMOKE CONTROL (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Smoke Control Testing During Construction	1704.14.1	X				Observations during erection and prior to concealment for the purposes of leakage testing and recording of device location.	
Smoke Control Testing Prior to Occupancy	1704.14.1	X				Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements, and detection and control verification.	

**SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (Check If Section Not Applicable ☐)**

MATERIAL/ TYPE INSPECTION	IBC CODE REFERENCE	FREQUENCY APPLICABLE TO THIS PROJECT				SCOPE OF SERVICE	DATE COMPLETED
		CONT.	PERIODIC	N/A	AGENT		
Structural Steel	1707.2	X				Observation of structural welding in accordance with AISC Seismic.	
Structural Wood	1707.3	X				Inspection of field gluing operations of elements of the seismic force resisting system.	
			X			Inspection of nailing, bolting, anchoring and other fastening components within the seismic force resisting system, including drag struts, braces and hold-downs.	
Cold-formed Steel Framing	1707.4		X			Inspection of welding operations of elements of the seismic force resisting system.	
			X			Inspection of screw attachments, bolting, anchoring and other fastening components within the seismic force resisting system, including struts, braces and hold-downs.	
Storage Racks and Access Floors	1707.5		X			Inspection of anchorage of access floors and storage racks 8 ft or greater in height in structures assigned to Seismic Category D, E, or F.	

<b>SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (Continued) (Check If Section Not Applicable <input type="checkbox"/>)</b>							
<b>MATERIAL/ TYPE INSPECTION</b>	<b>IBC CODE REFERENCE</b>	<b>FREQUENCY APPLICABLE TO THIS PROJECT</b>				<b>SCOPE OF SERVICE</b>	<b>DATE COMPLETED</b>
		<b>CONT.</b>	<b>PERIODIC</b>	<b>N/A</b>	<b>AGENT</b>		
Architectural Components	1707.6		X			Inspection during erection and fastening of exterior cladding, interior and exterior non-load bearing walls, and veneer in structures assigned to Seismic Category D, E, or F.	
Mechanical and Electrical Components	1707.7		X			Inspection during anchorage of electrical equipment for emergency or standby power systems; installation of anchorage of other electrical equipment; installation of piping systems intended to carry flammable, combustible or highly toxic contents and their associated mechanical units; and installation of HVAC ductwork that will contain hazardous materials in structures assigned to Seismic Category D, E, or F.	
Component Inspection	1707.7.1		X			Inspection of installation of equipment using combustible energy sources, electrical motors, transformers, switchgear, unit substations, motor control center; reciprocating and rotation type machinery; piping distribution systems 3inches or larger; and tanks heat exchangers and pressure vessels.	
Component and Attachment Inspections	1707.7.2		X			Inspection of components and verify the label, anchorage or mounting conforms to the certificate of compliance.	
Component Manufacturer Certification	1707.7.3		X			Review equipment to verify that an approved quality control program is permanently identified on each piece of equipment by label.	
Seismic Isolation System	1707.8		X			Inspection during the fabrication and installation of isolator units and energy dissipation devices.	

9/22/05



**CHESTERFIELD COUNTY, VIRGINIA**  
**FINAL REPORT OF SPECIAL INSPECTIONS**

Permit Number: \_\_\_\_\_

Project: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Registered Design Professional in  
Responsible Charge: \_\_\_\_\_

Inspection reports numbered \_\_\_\_\_ to \_\_\_\_\_, and test reports numbered \_\_\_\_\_ to

\_\_\_\_\_, all submitted prior to this Final Report, form a basis for, and are to be considered an integral part of this final report.

The special inspections specified for this project and itemized in the County-approved Statement of Special Inspections have been completed pursuant to the requirements of the Chesterfield County Department of Building Inspections. The building elements subject to special inspections have been found to be in compliance with County-approved documents and in conformance with project specifications. Violations of the Virginia Uniform Statewide Building Code observed in the conduct of special inspections services were brought to the attention of the appropriate registered design professional of record, the County and the owner for resolution and the resolution was approved by the County.

Submitted by Registered Design Professional in Responsible Charge:

\_\_\_\_\_  
**Signature & Date**

\_\_\_\_\_  
*Type or Print Name*  
Reviewed by Registered Design Professional of Record:

\_\_\_\_\_  
**Signature & Date**

\_\_\_\_\_  
*Type or Print Name*  
Accepted by Code Official or designee:

\_\_\_\_\_  
**Signature & Date**

\_\_\_\_\_  
*Type or Print Name*

cmanual18;09/22/05;07/13/06

Registered Design  
Professional in  
Responsible Charge  
Seal

**Submit this report upon  
completion of the special  
inspections, not with the  
Statement of Special  
Inspections.**